

FACT SHEET
I-75 BRENT SPENCE BRIDGE
KENTON COUNTY, COVINGTON, KENTUCKY
EPA ID #KYD 985 081 421 AI#48294

This fact sheet has been prepared for the Corrective Measures Implementation Plan (CMIP) that the Energy and Environment Cabinet (EEC) intends to approve for the Kentucky Transportation Cabinet owned I-75 Brent Spence Bridge located in Covington, Kentucky.

I. Purpose of the Corrective Measures Implementation Plan Approval Process

The purpose of the approval process is to provide EEC and the public the opportunity to evaluate the proposed CMIP. Department personnel have reviewed the CMIP for technical and regulatory completeness as it pertains to remediating and/or managing contaminated media at the site. EEC has determined that the actions defined in the CMIP as proposed will meet these requirements and result in protection of human health and the environment. Therefore, tentative approval has been issued and now the public has the opportunity to comment on the proposed action. The public has forty five days to comment on any aspect of the CMIP before KDEP makes a final decision.

II. Procedures for Reaching a Final Decision

Any person interested in commenting on the CMIP must do so within the forty-five day comment period discussed above. All persons wishing to comment on any of the CMIP should submit comments, in writing, to the Kentucky Energy and Environment Cabinet, Division of Waste Management, Hazardous Waste Branch, attn: April Webb, P.E., Branch Manager, 200 Fair Oaks, Frankfort, Kentucky 40601. Electronic comments may be submitted to: kelly.neal@ky.gov. The Cabinet will consider all comments received during the comment period in formulating a final decision. A public hearing will only be held if the Cabinet receives a request for a hearing before the close of the public comment period April 27, 2009. If a hearing is requested, the cabinet will issue another notice and automatically extend the public comment period to the close of business on the date the public hearing is held. At that time, the Cabinet will designate a presiding officer to conduct the hearing in an orderly manner. Reasonable limits may be set on the time allowed for oral statements. The meeting facility will also be accessible to persons with disabilities. To request appropriate accommodations for the public hearing (such as an interpreter) contact Kelly Neal at (502) 564-6716 Ext. 4684

The administrative record, which includes the CMIP and related information, can be reviewed at the Mary Ann Morgan Library, 502 Scott Blvd., Covington, KY. The library contact person is Julia Allegrini, and she can be reached at (859) 962-4074. This information can also be reviewed at the Division of Waste Management's Frankfort office between 8:00 a.m. and 4:30 p.m., Monday through Friday by appointment only. To make an appointment, submit a written request to Ms. Tina Fisher at least 72 hours prior to the desired review date. Requests can be faxed to (502) 564-9232 or mailed to Ms. Fisher at the Division of Waste Management, 200 Fair Oaks, Frankfort, Kentucky 40601. Copying charges are .10 cents per page and \$3 for each map and blueprint plus state sales tax. Upon request, this information can be made available in alternative formats.

The Kentucky Division of Waste Management does not discriminate on the basis of race, color, national origin, sex, religion, age, sexual orientation, gender identity, ancestry, veteran status or disability. The Division provides, on request, reasonable accommodations necessary to afford an individual with a disability an equal opportunity to participate in all services, programs and activities. To request alternative formats for printed information, and/or to be placed on the Hazardous Waste Branch's mailing list to receive updates on this matter, contact Kelly Neal at (502) 564-6716 ext. 4684.

After consideration of all oral and written comments and requirements of Kentucky Revised Statutes and appropriate regulations, the Kentucky Division of Waste Management will make the final decision regarding approval of the CMIP. If the tentative decision to approve the CMIP is substantially changed, the KDWM will issue a public notice indicating a revision of decision. If the tentative decision to issue approval is substantially unchanged from those announced in the public notice, notification will be given to the applicant and each person who has submitted comments or has requested notice of the final decision.

III. Facility Description

The Brent Spence Bridge is located on the Ohio River in Covington, Kentucky. The span extends approximately 600 yards south of the river. The Bridge was repainted in 1989-90 and as a precursor to this activity, the Bridge was sandblasted to remove existing paint. Sandblast grit was stored under the Bridge and paint flakes containing lead were dispersed throughout the area during the sandblasting. Following closure of the sandblast grit waste pile areas, EEC personnel conducted a RCRA Facility Assessment. It was concluded that there were eleven Areas of Concern (AOCs) warranting further investigation for lead in soil.

Several rounds of soil sampling were conducted as part of the investigation to determine the extent of lead contamination. During the final phase, the property and surrounding potentially affected areas was divided into grids. A total of 256 surface soil samples were collected during this phase of the investigation. Reported lead concentrations ranged from 4 to 2,100 mg/kg (parts per million). Grids containing lead at concentrations of over 400 mg/kg were identified and targeted for soil removal in the *Site Remediation and Management Plan*. Remedial work was performed as interim measures. Excavatory activities were conducted between October-November, 2007 and April-June, 2008.

Affected soils were removed with heavy equipment and trucked to a solid waste landfill for final disposal. Following excavation of contaminated soils in each grid, verification sampling was conducted. In all grids all soils containing lead at higher than a concentration of 400 mg/kg were removed. The interim measures that have been performed have resulted in the removal of all soils contaminated above allowable regulatory levels. Thus, the interim measures are proposed to serve as the final corrective measures.